

# AGENCY USE ONLY

Agency Reference #:

Date Received:

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## JOINT AQUATIC RESOURCES PERMIT APPLICATION FORM (JARPA)

(for use in Washington State)

PLEASE TYPE OR PRINT IN BLACK INK



REVISED

2002-2-00616

- ☐ I am applying for a Fish Habitat Enhancement Project per requirements of RCW 75.20.350. You must submit a copy of this completed JARPA application form, and the (Fish Habitat Enhancement JARPA Addition) to your local Government Planning Department and Washington Department of Fish & Wildlife Area Habitat Biologist on the same day.
- NOTE: LOCAL GOVERNMENTS – You must submit any comments on these projects to WDFW within 15 working days**

Based on the instructions provided, I am sending copies of this application to the following: (check all that apply)

- ☐ Local Government for shoreline: ☐ Substantial Development ☐ Conditional Use ☐ Variance ☒ Exemption ☐ Revision  
☐ Floodplain Management ☒ Critical Areas Ordinance
- ☒ Washington Department of Fish and Wildlife for HPA (Submit 3 copies to WDFW Region)
- ☒ Washington Department of Ecology for 401 Water Quality Certification Nationwide Permits (to Regional office-Federal Permit Unit)
- ☐ Washington Department of Natural Resources for Aquatic Resources Use Authorization Notification
- ☒ Corps of Engineers for: ☒ Section 404 ☐ Section 10 permit
- ☐ Coast Guard for Section 9 Bridge Permit
- ☒ US Fish & Wildlife Service or National Marine Fisheries Service for Endangered Species Act (ESA) Consultation

### SECTION A - Use for all permits covered by this application. Be sure to ALSO complete Section C (Signature Block) for all permit applications.

#### 1. APPLICANT

Kevin B. Stoops, Project Manager, Seattle Parks and Recreation Department

#### MAILING ADDRESS

800 Maynard Ave S. Seattle, WA 98134

WORK PHONE 206.684.7053	E-MAIL ADDRESS kevin.stoops@ci.seattle.wa.us	HOME PHONE	FAX # 206.233.3949
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If an agent is acting for the applicant during the permit process, complete #2.

#### 2. AUTHORIZED AGENT

Jim Brennan, J.A. Brennan Associates

#### MAILING ADDRESS

100 S. King St, Seattle, WA 98104

WORK PHONE 206.583.0620	E-MAIL ADDRESS jim@jabrennan.com	HOME PHONE	FAX # 206.583.0623
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3. RELATIONSHIP OF APPLICANT TO PROPERTY: ☒ OWNER ☐ PURCHASER ☐ LESSEE ☐ OTHER:

4. NAME, ADDRESS, AND PHONE NUMBER OF PROPERTY OWNER(S), IF OTHER THAN APPLICANT:

5. LOCATION (STREET ADDRESS, INCLUDING CITY, COUNTY AND ZIP CODE, WHERE PROPOSED ACTIVITY EXISTS OR WILL OCCUR)

5900 Lake Washington Blvd S., Seattle, King County, 98118

LOCAL GOVERNMENT WITH JURISDICTION (CITY OR COUNTY) City Of Seattle

WATERBODY Lake Washington					TRIBUTARY OF Puget Sound		WRIA # 8
1/4 SECTION	SECTION 14	TOWNSHIP 24N	RANGE 4E	GOVERNMENT LOT 3	SHORELINE DESIGNATION CR		
LATITUDE & LONGITUDE IF KNOWN: N47°32'58" W122°14'58"					ZONING DESIGNATION SF-9600		
					DNR STREAM TYPE, IF KNOWN		

6. DESCRIBE THE CURRENT USE OF THE PROPERTY, AND STRUCTURES EXISTING ON THE PROPERTY. IF ANY PORTION OF THE PROPOSED ACTIVITY IS ALREADY COMPLETED ON THIS PROPERTY, INDICATE MONTH AND YEAR OF COMPLETION.

This property is public park and currently functions as a place for passive and active recreation, including walking and viewing. There are no structures on the project site, except for the existing concrete bulkhead, which is failing, and a length of concrete steps (formerly used as street car track paving), which is in disrepair. The bulkhead and the steps have been battered, and the latter dislocated by wave action, permitting storm waves to surmount and erode the lawn behind them. An asphalt pedestrian and bicycle path parallels the shoreline park roughly 50 feet inland; the space in between is primarily lawn, but does have some mature trees (cottonwood & willow, mostly). Elsewhere within Seward Park are typical park structures in the form of picnic shelters, comfort stations (restrooms) and the like.

Refer to figure 2 for a diagram of the existing conditions.

IS THE PROPERTY AGRICULTURAL LAND? ☐ YES ☒ NO

ARE YOU A USDA PROGRAM PARTICIPANT? ☐ YES ☒ NO

7a. DESCRIBE THE PROPOSED CONSTRUCTION AND/OR FILL WORK FOR THE PROJECT THAT YOU WANT TO BUILD THAT NEEDS AQUATIC PERMITS: COMPLETE PLANS AND SPECIFICATIONS SHOULD BE PROVIDED FOR ALL WORK WATERWARD OF THE ORDINARY HIGH WATER MARK OR LINE, INCLUDING TYPES OF EQUIPMENT TO BE USED. IF APPLYING FOR A SHORELINE PERMIT, DESCRIBE ALL WORK WITHIN AND BEYOND 200 FEET OF THE ORDINARY HIGH WATER MARK. ATTACH A SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED.

The proposed action below current Ordinary High Water (OHW) line includes the placement of approximately 132 cubic yards of 1 1/2" gravel and woody debris to create a drift sill as part of the undulating, bio-engineered and gravel beach shoreline. At the current OHW line, approximately 500 lineal feet of the existing concrete bulkhead and stairs will be removed and backfilled with 1 1/2" gravel. Above the current OHW line, to a maximum of 25 feet inland, the existing lawn will be removed and variably reconstructed as described below. (Figure 3).

At the western end of the project, just west of an existing gravel pocket beach, an existing concrete slab bulkhead will be removed and the pocket beach expanded. The slabs, laid horizontally, will be removed, and the backshore slightly regraded and gravel (1 1/2" minus round rock) installed at a thickness of 1' to 2'. No work will be done waterward of the OHW line other than the removal of the slab bulkhead, which presently defines the OHW line. (Refer to Figure 4.)

To the east of the pocket beach, the project involves removal of large concrete debris laid vertically to form a bulkhead. The backshore inland of the bulkhead will be regraded and gravel beach material installed. (Figure 5). Large woody debris and plantings will be installed midway in this new beach area to divide it into two small pocket beaches. (Figure 6). Depth of gravel in the pocket beaches will range from 1 to 2'. Easterly of this area and east of an existing willow, the concrete debris bulkhead will be removed, the backshore slightly regraded and large woody debris and riparian plantings installed. (Figure 7). Again, no work will be done waterward of the OHW line, other than the removal of the concrete debris bulkhead that presently defines the OHW line.

7b. DESCRIBE THE PURPOSE OF THE PROPOSED WORK AND WHY YOU WANT OR NEED TO PERFORM IT AT THE SITE. PLEASE EXPLAIN ANY SPECIFIC NEEDS THAT HAVE INFLUENCED THE DESIGN.

The proposed work is intended to enhance the shoreline at Seward Park so that the near-shore environment becomes more suitable to salmon, specifically Chinook salmon. Such enhancements were recommended by the U.S. Army Corps of Engineers in the 2001 Seward Park Rehabilitation Study, which investigated juvenile salmonid use of Seward Park.

7c. DESCRIBE THE POTENTIAL IMPACTS TO CHARACTERISTIC USES OF THE WATER BODY. THESE USES MAY INCLUDE FISH AND AQUATIC LIFE, WATER QUALITY, WATER SUPPLY, RECREATION, and AESTHETICS. IDENTIFY PROPOSED ACTIONS TO AVOID, MINIMIZE, AND MITIGATE DETRIMENTAL IMPACTS, AND PROVIDE PROPER PROTECTION OF FISH AND AQUATIC LIFE. ATTACH A SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED.

The proposed construction may increase the local turbidity, as gravel material is placed, but to a low level since there is limited work (approximately 132 cubic yards of fill) being done below the OHW line. The construction work will be performed when the lake level is at low water and the removal of concrete debris will occur from the landside, thus minimizing impacts on water quality and to fish and aquatic life. Furthermore, grading work will be performed in September and October, when the ground is dry, in order to minimize surface runoff into the lake.

In general, however, the project is intended to improve juvenile Chinook salmon habitat (and water quality), following research by Piaskowski and Tabor at the U.S. Fish and Wildlife Service stating that Chinook prefer a sand/gravel substrate and avoid areas where there is rip-rap material. There may be some negative impacts during construction to aquatic life and water quality; but it is expected, based on the design and methods of construction, that they will be negligible.

The "Endangered Species Act Guidance for New and Replacement Piers and Bulkheads in Lake Washington, Lake Sammamish, and the Ship Canal Including Lake Union" (Special Public Notice, October 25, 2001) provides measures to avoid impacts to protected species, as well as enhance the aquatic environment. Several of these measures have been incorporated in the Seward Park Salmon Habitat Improvements Project, including the following:

- Removal of existing concrete revetment
- Planting native vegetation along portions of the shoreline (including plants that overhang the water, such as willows)
- Placement of substrate gravel less than 2-inches in size in the nearshore
- Working with the approved work window to avoid impacts to protected species.

**PREPARATION OF DRAWINGS:** SEE SAMPLE DRAWINGS AND GUIDANCE FOR COMPLETING THE DRAWINGS. **ONE SET OF ORIGINAL OR GOOD QUALITY REPRODUCIBLE DRAWINGS MUST BE ATTACHED.** NOTE: APPLICANTS ARE ENCOURAGED TO SUBMIT PHOTOGRAPHS OF THE PROJECT SITE, BUT THESE DO NOT SUBSTITUTE FOR DRAWINGS. **THE CORPS OF ENGINEERS AND COAST GUARD REQUIRE DRAWINGS ON 8-1/2 X 11 INCH SHEETS. LARGER DRAWINGS MAY BE REQUIRED BY OTHER AGENCIES.**

8. WILL THE PROJECT BE CONSTRUCTED IN STAGES?

☐ YES ☒ NO

PROPOSED STARTING DATE: September 1 to December 31, 2002, during the permitted in-water work period.

ESTIMATED DURATION OF ACTIVITY: one month

9. CHECK IF ANY STRUCTURES WILL BE PLACED:

- ☐ WATERWARD OF THE ORDINARY HIGH WATER MARK OR LINE FOR FRESH OR TIDAL WATERS; AND/OR  
☐ WATERWARD OF MEAN HIGH WATER LINE IN TIDAL WATERS

10. WILL FILL MATERIAL (ROCK, FILL, BULKHEAD, OR OTHER MATERIAL) BE PLACED:

- ☒ WATERWARD OF THE ORDINARY HIGH WATER MARK OR LINE FOR FRESH WATERS?  
☐ WATERWARD OF THE MEAN HIGHER HIGH WATER FOR TIDAL WATERS?

IF YES, VOLUME (CUBIC YARDS) 132 / AREA (ACRES)

IF YES, VOLUME (CUBIC YARDS) \_\_\_\_\_ AREA \_\_\_\_\_ (ACRES)

11. WILL MATERIAL BE PLACED IN WETLANDS?

☐ YES ☒ NO

IF YES:

A. IMPACTED AREA IN ACRES:

B. HAS A DELINEATION BEEN COMPLETED? IF YES, PLEASE SUBMIT WITH APPLICATION.

☐ YES ☐ NO

C. HAS A WETLAND REPORT BEEN PREPARED? IF YES, PLEASE SUBMIT WITH APPLICATION.

☐ YES ☐ NO

D. TYPE AND COMPOSITION OF FILL MATERIAL (E.G., SAND, ETC.):

E. MATERIAL SOURCE:

F. LIST ALL SOIL SERIES (TYPE OF SOIL) LOCATED AT THE PROJECT SITE, & INDICATE IF THEY ARE ON THE COUNTY'S LIST OF HYDRIC SOILS. SOILS INFORMATION CAN BE OBTAINED FROM THE NATURAL RESOURCES CONSERVATION SERVICE (NRCS):

12. WILL PROPOSED ACTIVITY CAUSE FLOODING OR DRAINING OF WETLANDS?

☐ YES ☒ NO

IF YES, IMPACTED AREA IS \_\_\_\_\_ ACRES.

13. WILL EXCAVATION OR DREDGING BE REQUIRED IN WATER OR WETLANDS?

☐ YES ☒ NO

IF YES:

A. VOLUME: (CUBIC YARDS) / AREA (ACRES)

B. COMPOSITION OF MATERIAL TO BE REMOVED:

C. DISPOSAL SITE FOR EXCAVATED MATERIAL:

D. METHOD OF DREDGING:

14. HAS THE STATE ENVIRONMENTAL POLICY ACT (SEPA) BEEN COMPLETED?

☒ YES ☐ NO

SEPA LEAD AGENCY: SEPA DECISION: DNS, MDNS, EIS, ADOPTION, EXEMPTION

DECISION DATE (END OF PERIOD):

SUBMIT A COPY OF YOUR SEPA DECISION LETTER TO WDFW AS REQUIRED FOR A COMPLETE APPLICATION

15. LIST OTHER APPLICATIONS, APPROVALS, OR CERTIFICATIONS FROM OTHER FEDERAL, STATE OR LOCAL AGENCIES FOR ANY STRUCTURES, CONSTRUCTION, DISCHARGES, OR OTHER ACTIVITIES DESCRIBED IN THE APPLICATION (I.E., PRELIMINARY PLAT APPROVAL, HEALTH DISTRICT APPROVAL, BUILDING PERMIT, SEPA REVIEW, FEDERAL ENERGY REGULATORY COMMISSION LICENSE (FERC), FOREST PRACTICES APPLICATION, ETC.) ALSO INDICATE WHETHER WORK HAS BEEN COMPLETED AND INDICATE ALL EXISTING WORK ON DRAWINGS.

TYPE OF APPROVAL	ISSUING AGENCY	IDENTIFICATION NO.	DATE OF APPLICATION	DATE APPROVED	COMPLETED?
Hydraulic Project Approval (HPA)	WDFW				
Section 404, Nationwide Permit	Corps of Engineers				
Aquatic Resources Use Authorization	WDOE				
Endangered Species Act (ESA) Consultation	USF&W				

16. HAS ANY AGENCY DENIED APPROVAL FOR THE ACTIVITY DESCRIBED HEREIN OR FOR ANY ACTIVITY DIRECTLY RELATED TO THE ACTIVITY DESCRIBED HEREIN? ☐ YES ☒ NO IF YES, EXPLAIN

#### SECTION B - Use for Shoreline and Corps of Engineers permits only:

17. TOTAL COST OF PROJECT. THIS MEANS THE FAIR MARKET VALUE OF THE PROJECT, INCLUDING MATERIALS, LABOR, MACHINE RENTALS, ETC.

\$70,000

18. LOCAL GOVERNMENT WITH JURISDICTION:

City of Seattle

19. FOR CORPS, COAST GUARD, AND DNR PERMITS, PROVIDE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF ADJOINING PROPERTY OWNERS, LESSEES, ETC..

PLEASE NOTE: SHORELINE MANAGEMENT COMPLIANCE MAY REQUIRE ADDITIONAL NOTICE — CONSULT YOUR LOCAL GOVERNMENT.

NAME	ADDRESS	PHONE NUMBER
Robert and Geneane Nendel	6040 Lakeshore Drive South	
City of Seattle	(Lake Washington Blvd)	

**SECTION C - This section *MUST* be completed for any permit covered by this application**

20. APPLICATION IS HEREBY MADE FOR A PERMIT OR PERMITS TO AUTHORIZE THE ACTIVITIES DESCRIBED HEREIN. I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS APPLICATION, AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, SUCH INFORMATION IS TRUE, COMPLETE, AND ACCURATE. I FURTHER CERTIFY THAT I POSSESS THE AUTHORITY TO UNDERTAKE THE PROPOSED ACTIVITIES. I HEREBY GRANT TO THE AGENCIES TO WHICH THIS APPLICATION IS MADE, THE RIGHT TO ENTER THE ABOVE-DESCRIBED LOCATION TO INSPECT THE PROPOSED, IN-PROGRESS OR COMPLETED WORK. I AGREE TO START WORK ONLY AFTER ALL NECESSARY PERMITS HAVE BEEN RECEIVED.

SIGNATURE OF APPLICANT OR AUTHORIZED AGENT

DATE

I HEREBY DESIGNATE \_\_\_\_\_  
TO ACT AS MY AGENT IN MATTERS RELATED TO THIS APPLICATION FOR PERMIT(S). I UNDERSTAND THAT IF A FEDERAL PERMIT IS ISSUED,  
I MUST SIGN THE PERMIT.

SIGNATURE OF APPLICANT

DATE

SIGNATURE OF LANDOWNER (EXCEPT PUBLIC ENTITY LANDOWNERS, E.G. DNR)

DATE

THIS APPLICATION MUST BE SIGNED BY THE APPLICANT AND THE AGENT, IF AN AUTHORIZED AGENT IS DESIGNATED.

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

**COMPLETED BY LOCAL OFFICIAL**

A. Nature of the existing shoreline. (Describe type of shoreline, such as marine, stream, lake, lagoon, marsh, bog, swamp, flood plain, floodway, delta; type of beach, such as accretion, erosion, high bank, low bank, or dike; material such as sand, gravel, mud, clay, rock, riprap; and extent and type of bulkheading, if any:)

B. In the event that any of the proposed buildings or structures will exceed a height of thirty-five feet above the average grade level, indicate the approximate location of and number of residential units, existing and potential, that will have an obstructed view:

C. If the application involves a conditional use or variance, set forth in full that portion of the master program which provides that the proposed use may be a conditional use, or, in the case of a variance, from which the variance is being sought:

These Agencies are Equal Opportunity and Affirmative Action employers.  
For special accommodation needs, please contact the appropriate agency in the instructions.